British Journal of Obstetrics and Gynaecology

Edited by Frank E. Hytten

Volume 93
1986

Published on behalf of the
Royal College of Obstetricians and Gynaecologists
by Blackwell Scientific Publications

© 1986 *British Journal of Obstetrics and Gynaecology*
Blackwell Scientific Publications
Osney Mead, Oxford OX2 0EL
8 John Street, London WC1N 2ES
23 Ainslie Place, Edinburgh EH3 6AJ
52 Beacon Street, Boston, Massachusetts 02108, USA
667 Lytton Avenue, Palo Alto, California 94301, USA
107 Barry Street, Carlton, Victoria 3053, Australia

Published on behalf of the
Royal College of Obstetricians and Gynaecologists
27 Sussex Place, Regent's Park, London NW1 4RG

All rights reserved. No part of this publication may be reproduced, stored in a retrieval stystem, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of the copyright owner. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Blackwell Scientific Publications for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $02.00 per copy is paid directly to CCC, 21 Congress Street, Salem, MA 01970, USA, 0306-5456/86 $02.00/0. (For copying beyond that permitted by Sections 107 or 108 of the US Copyright Law). This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Special request should be addressed to the Editor.

Printed in Great Britain
by Headley Brothers Ltd
The Invicta Press
Ashford, Kent and London

CONTENTS

Vol 93 No 1 January 1986

1 Commentary
Statistics: necessary and important
D. A. Altman
In-vitro fertilization and tubal microsurgery—their status compared
C. Wood & B. Downing

6 Can fetal electrocardiography improve the prediction of intrapartum fetal acidosis?
H. M. L. Jenkins, E. M. Symonds, D. L. Kirk & P. R. Smith

13 External cephalic version and spontaneous version rates: ethnic and other determinants
G. J. Hofmeyr, O. Sadan, I. G. Myer, K. C. Galal & G. Simko

17 Clotting factor VII during pregnancy, delivery and puerperium
K. Dalaker

22 Vasotocin analogues which competitively inhibit vasopressin stimulated uterine activity in healthy women
M. Åkerlund, A. Hauksson, S. Lundin, P. Melin & J. Trojnar

28 Bladder drainage for caesarean section under epidural analgesia
R. H. J. Kerr-Wilson & S. McNally

31 Quantitative structural studies on placentas from pregnancies complicated by diabetes mellitus
P. A. Boyd, A. Scott & J. W. Keeling

36 Mid-trimester levels of alphafetoprotein in the screening of low birthweight
T. Chard, A. Rice, M. J. Kitau, V. Hird, J. G. Grudzinskas & A. M. Nysenbaum

39 A comparison of fixed regimens for obtaining human cleaving oocytes for research purposes
I. E. Messinis, A. Templeton, R. Angell & J. Aitken

43 Urinary oestrogen levels and follicle ultrasound measurements in clomiphene induced cycles with an endogenous luteinizing hormone surge
I. E. Messinis & A. Templeton

50 Human amnion in the treatment of vaginal malformations
K. E. Morton & C. J. Dewhurst

55 Effects of dydrogesterone on the oestrogenized postmenopausal endometrium
G. Lane, N. C. Siddle, T. A. Ryder, J. Pryse-Davies, R. J. B. King & M. I. Whitehead

63 Developments in chemotherapy for medium- and high-risk patients with gestational trophoblastic tumours (1979–1984)
E. S. Newlands, K. D. Bagshawe, R. H. J. Begent, G. J. S. Rustin, L. Holden & J. Dent

70 Should patients with mild atypia in a cervical smear be referred for colposcopy?
W. P. Soutter, S. Wisdom, A. K. Brough & J. M. Monaghan

75 Results of CO_2 laser cylinder vaporization of cervical intraepithelial disease in 1234 patients. An analysis of failures
S. W. Ali, A. S. Evans & J. M. Monaghan

79 Co-treatment of the male partner in vaginal candidosis: a double-blind randomized control study
M. P. J. M. Bisschop, J. M. W. M. Merkus, H. Scheygrond & J. Van Cutsem

82 Post-partum necrotizing fasciitis. Case report
N. N. Ammari, Y. G. Hasweh, A. A. Hassan, S. Karyoute

84 Primary malignant melanoma of the cervix. Case report
A. Krishnamoorthy, M. Desai & M. Simanowitz

87 Short communications
The use of an enzyme-linked immunosorbent assay for human chorionic gonadotrophin in gynaecological emergencies
G. D. Burford, A. A. Naftalin & R. W. Shaw

90 Blair Bell Research Society

95 Correspondence

98 Book reviews

Vol 93 No 2 February 1986

105 Commentary
Postmaturity—much ado about nothing?
P. J. Steer

109 A statistical examination of the accuracy of combining femoral length and biparietal diameter as an index of fetal gestational age
S. Yagel, A. Adoni, S. Oman, Y. Wax & D. Hochner-Celnikier
116 Conceptual dating using ultrasonically measured fetal femur length and abdominal diameters in early pregnancy
A. Selbing
122 Estimation of gestational age by last menstrual period, by ultrasound scan and by SP1 concentration: comparisons with date of delivery
A. G. Ahmed & A. Klopper
128 Birthweight-for-gestational age charts based on early ultrasound estimation of gestational age
N. J. Secher, P. Kern Hansen, C. Lenstrup, L. Pedersen-Bjergaard, P. Sindberg Eriksen, B. Lykke Thomsen & N. Keiding
135 Caesarean section dissected, 1978–1983
P. L. Yudkin & C. W. G. Redman
145 A syndrome of liver damage and intravascular coagulation in the last trimester of normotensive pregnancy. A clinical and histopathological study
J. G. Aarnoudse, H. J. Houthoff, J. Weits, E. Vellenga & H. J. Huisjes
156 Long-term follow-up of children prenatally exposed to ritodrine
M. Hadders-Algra, B. C. L. Touwen & H. J. Huisjes
162 Outcome of extremely-low-birthweight infants
V. Y. H. Yu, P. Y. Wong, B. Bajuk, A. A. Orgill & J. Astbury
171 A comparison of fetal heart rate monitoring and umbilical artery waveforms in the recognition of fetal compromise
B. J. Trudinger, C. M. Cook, L. Jones & W. B. Giles
176 Urinary albumin excretion in pregnancy
I. Lopez-Espinoza, H. Dhar, S. Humphreys & C. W. G. Redman
182 The use of a birthroom: a randomized controlled trial comparing delivery with that in the labour ward
M. G. Chapman, M. Jones, J. E. Spring, M. De Swiet & G. V. P. Chamberlain
188 Gut peptides in lactation
N. Holst, T. G. Jenssen, P. G. Burhol, R. Jorde, J. M. Maltau & E. Haug
194 Recurrent abortion with lupus anticoagulant, and pre-eclampsia: a common final pathway for two different diseases? Case report
G. Gregorini, G. Setti & G. Remuzzi
197 Correspondence
Book reviews

Vol 93 No 3 March 1986

201 Commentary
Alcohol in pregnancy
J. T. Wright & P. J. Toplis
203 The effect of maternal ethanol intoxication on fetal cardiotocography: a report of four cases
E. Halmesmäki & O. Ylikorkala
206 Prediction of size of infants at birth by measurement of symphysis fundus height
B. Persson, M. Stangenberg, N. O. Lunell, U. Brodin, N. G. Holmberg & V. Vaclavinkova
212 An audit of the detection and management of small-for-gestational age babies
M. Hepburn & K. Rosenberg
217 Apgar score, meconium and acidaemia at birth in relation to neonatal neurological morbidity in term infants
M. J. Dijxhoorn, G. H. A. Visser, V. J. Fidler, B. C. L. Touwen & H. J. Huisjes
223 Aetiology of non-immune hydrops: the value of echocardiography
L. D. Allan, D. C. Crawford, R. Sheridan & M. G. Chapman
226 The obstetric management on non-immunological hydrops
J. D. Gough, J. W. Keeling, B. Castle & P. J. Iliff
235 Transcapillary fluid balance in pre-eclampsia
P. Øian, J. M. Maltau, H. Noddeland & H. O. Fadnes
240 Diagnosis of intrauterine infection by demonstration of antibody-coated bacteria in the amniotic fluid
M. Møller, J. Sørensen, F. Løve Jepsen & A. C. Thomsen

245 Dietary factors in the aetiology and treatment of constipation during pregnancy
A. S. Anderson
250 The intraventricular conduction time of fetal heart in pregnancies with suspected fetal growth retardation
G. Pardi, A. Marconi & E. Ferrazzi
255 Distribution of prostaglandin endoperoxide synthase and prostacyclin synthase in the late pregnant uterus
P. Moonen, G. Klok & M. J. N. C. Keirse
260 Effect of epidural analgesia on maximum and minimum blood pressures during the first stage of labour in primigravidae with mild/moderate gestational hypertension
P. A. Greenwood & R. J. Lilford
264 Comparative study of meptazinol and pethidine for the relief of pain in labour
A. Sheikh & M. E. Tunstall
270 Caesarean and post-partum hysterectomy 1968–1983
D. W. Sturdee & D. I. Rushton
275 Results of donor insemination related to specific male infertility and unsuspected female infertility
G. L. Foss & M. G. R. Hull
279 Screening for antibodies to HTLV-III amongst the semen donors of an AID programme
P. D. Bromwich, A. P. Walker, S. H. Gregson, C. F. Ross, R. P. Eglin & J. E. M. Macey
282 Ovulatory disorders and inflammatory adnexal damage: a neglected cause of the failure of fertility micosurgery
C. J. C. M. Hamilton, J. L. H. Evers & H. J. Hoogland
285 Ibuprofen prevents IUCD-induced increases in menstrual blood loss
L. Mäkäräinen & O. Ylikorkala
289 Blair Bell Research Society
294 Correspondence
299 Book reviews

Vol 93 No 4 April 1986

305 Commentary
Examining the fetal heart
L. D. Allan
307 A new method for the measurement of pre-ejection period in the human fetus
C. Giorlandino, P. Gentili, A. Vizzone, G. Rizzo & D. Arduini
310 Fetal heart function in response to short-term maternal exercise
K. E. Sørensen & K-G. Børlum
314 Fetal heart rate variability changes and fetal behavioural cycles during labour
J. A. D. Spencer & P. Johnson
322 Serum protein binding of diazepam and propanolol in the feto-maternal unit from early to late pregnancy
B. Krauer, H. Nau, P. Dayer, P. Bischof & R. Anner
329 Fluid therapy for induced labour under epidural analgesia: biochemical consequences for mother and infant
S. E. Evans, J. S. Crawford, I. D. Stevens, G. M. Durbin & H. Daya
334 Womens' views on keeping fetal movement charts
J. Draper, S. Field, H. Thomas & M. J. Hare
339 Biparietal diameter in the Australian Aboriginal fetus
D. S. Watson
343 Late terminations of pregnancy following second trimester amniocentesis
J. Timothy & R. Harris
348 Late venous function in the leg after deep venous thrombosis occurring in relation to pregnancy
A. Lindhagen, A. Bergqvist, D. Bergqvist & T. Hallböök
353 Pre-operative magnetic resonance imaging of Stage 1 endometrial adenocarcinoma
M. C. Powell, C. Womack, J. Buckley, B. S. Worthington & E. M. Symonds
361 Low inspired oxygen concentrations in very-low-birthweight infants needing ventilatory support: an approach to the prevention of retrolental fibroplasia
P. MacMahon, P. J. Fleming, B. D. Speidel & P. M. Dunn

364 Perineal pad weighing versus videographic analysis in genuine stress incontinence
E. Versi & L. D. Cardozo
367 The pattern of female genital tuberculosis in Riyadh, Saudi Arabia
S. K. Chattopaahyay, B. S. Sengupta, Y. B. Edrees & A. A. Al-Meshari
372 Cervical intraepithelial neoplasia treated by perilesional injection of interferon
Y. C. Choo, W. H. Seto, C. Hsu, T. C. Merigan, Y. H. Tan, H. K. Ma & M. H. Ng
380 Random urinary cyclic 3',5' guanosine monophosphate in epithelial ovarian cancer: relation to other prognostic variables and to survival
D. M. Luesley, G. R. Blackledge, K. K. Chan & J. R. Newton
386 Thrombocythaemia and recurrent late abortions: normal outcome of pregnancies after antiaggregatory treatment. Case report
W. Snethlage & J. W. Ten Cate
389 Apoplexy into a prolactin secreting macroadenoma during early pregnancy with successful outcome. Case report
P. A. O'Donovan, P. J. O'Donovan, E. H. Ritchie, M. Feely & D. M. Jenkins
392 Spontaneous rupture of the oesophagus following severe vomiting in early pregnancy. Case report
R. J. W. Henry & R. A. Vadas
395 Seat belt hazards in pregnancy. Case report
G. W. Fakhoury & J. R. M. Gibson
397 The carcinoid syndrome and multiple hormone secretion associated with a carcinoid tumour of the uterine cervix. Case report
A. D. Stockdale, M. Leader, R. H. Phillips & K. Henry
402 Cloacal reconstruction and use of bilateral ischiocavernosus muscle flap for construction of the perineal body. Case report
M. Elstein & E. Eyong
407 Short communications
Serum cytidine deaminase assay—some pitfalls
D. D. Jones, E. L. Roberts & G. F. Williams
Cord serum alpha-fetoprotein and Down's syndrome
H. S. Cuckle, N. J. Wald & R. H. Lindenbaum
411 Correspondence
413 Book reviews
416 Erratum

Vol 93 No 5 May 1986

417 Commentary
Repair of episiotomies and perineal tears
A. Grant
420 Episiotomy repair—immediate and long-term sequelae. A prospective randomized study of three different methods of repair
L. Isager-Sally, J. Legarth, B. Jacobsen & E. Bostofte
426 A randomized comparison of glycerol-impregnated chromic catgut with untreated chromic catgut for the repair of perineal trauma
J. A. D. Spencer, A. Grant, D. Elbourne, J. Garcia & J. Sleep
431 Clinical aspects of LHRH analogues in gynaecology: a review
R. I. McLachlan, D. L. Healy & H. G. Burger
455 Use of LHRH analogue to obtain reversible castration in a patient with benign metastasizing leiomyoma
W. M. Hague, N. A. Abdulwahid, H. S. Jacobs & I. Craft
461 Fetal volume blood flow and umbilical artery flow velocity waveform analysis: a comparison
W. B. Giles, G. Lingman, K. Maršál & B. J. Trudinger
466 Umbilical cord whole blood viscosity and the umbilical artery flow velocity time waveforms: a correlation
W. B. Giles, B. J. Trudinger & A. A. Palmer
471 Doppler ultrasound assessment of cerebral blood flow in the human fetus
J. W. Wladimiroff, H. M. Tonge & P. A. Stewart
476 The relation of birthweight to histological appearances in vessels of the placental bed
I. R. McFadyen, A. B. Price & R. T. Geirsson

482 The relation between plasma urate and placental bed vascular adaptation to pregnancy
I. R. McFadyen, P. Greenhouse, A. B. Price & R. T. Geirsson
488 The actions of prostaglandins and their interactions with angiotensin II in the isolated perfused human placental cotyledon
D. G. Glance, M. G. Elder & L. Myatt
495 Fertility and pregnancy after operation for a prolactinoma
A. M. Richards, M. R. R. Bullock, G. M. Teasdale, J. A. Thomson & M. I. Khan
503 Primary infertility in women exposed to diethylstilboestrol *in utero*
J. Menczer, M. Dulitzky, G. Ben-Baruch & M. Modan
508 Medical dilatation of the non-pregnant cervix: the effect of ethinyl oestradiol on the visibility of the transformation zone
W. J. Prendiville, W. A. R. Davies, J. O. Davies & A. M. Shepherd
512 Mid-trimester chorionic biopsy. Case report
J. Szabó, J. Gellén & G. Szemere
514 Vaginal hyperplasia—a complication of hormone replacement therapy? Case report
J. M. Campbell
516 Metastatic breast carcinoma arising in the endometrium. Case report
S. Giltrap, E. Hall & M. Newman
519 Short communications
Treatment of recurrent carcinoma of the cervix with bromocriptine
J. Praest & V. Klem
Morning sickness and thyroid function
A. J. Evans, T. C. Li, C. Selby & W. J. Jeffcoate
Human placental sulphate transport is strongly inhibited by salicylate
D. B. Shennan & C. A. R. Boyd
Blood pressure alters during the normal menstrual cycle
C. Kelleher, C. Joyce, G. Kelly & J. B. Ferriss
527 Book reviews

Vol 93 No 6 June 1986

529 Commentary
UK registration scheme for hydatidiform mole 1973–83
K. D. Bagshawe
532 Haemodynamic changes and left ventricular performance during high-dose oestrogen administration to male transsexuals
A. J. Slater, N. Gude, I. J. Clarke & W. A. W. Walters
539 The effect of maternal labetalol on the newborn infant
M. MacPherson, F. Broughton Pipkin & N. Rutter
543 Labetalol does not alter the placental and fetal blood flow or maternal prostanoids in pre-eclampsia
P. Jouppila, P. Kirkinen, A. Koivula & O. Ylikorkala
548 Enhanced platelet release reaction related to arterial plasma adrenaline and blood pressure in pre-eclampsia
P. Øian, K. Lande, S. E. Kjeldsen, K. Gjesdal, I. Aakesson, I. Eide & J. Martin Maltau
554 Active management of the unconscious eclamptic patient
A. M. Richards, J. Moodley, D. I. Graham & M. R. R. Bullock
563 The impact of a rubella prevention policy on the outcome of rubella in pregnancy
E. Edmond & H. Zealley
568 Estimating the probability of spontaneous delivery conditional on time spent in the second stage
N. Kadar, M. Cruddas & S. Campbell
577 Antibacterial activity in human amniotic fluid: dependence on divalent cations
T. M. N. Scane & D. F. Hawkins
582 Parental age and risk of complete and partial hydatidiform mole
F. Parazzini, C. La Vecchia & S. Pampallona
586 Aetiological factors in placenta praevia—a case controlled study
G. L. Rose & M. G. Chapman
589 Alpha-fetoprotein, vaginal bleeding and pregnancy risk
J. E. Haddow, G. J. Knight, E. M. Kloza & G. E. Palomaki

594 The medical value of examining tissue from therapeutic abortions: an analysis of 13 477 cases
F. W. Kiel
597 Racial variations in the incidence of Trisomy 21
M. S. Rogers
600 Pulsatile secretion of pregnancy-associated plasma protein-A (PAPP-A) in non-pregnant women
P. Bischof, W. L. Herrmann & P. C. Sizonenko
606 Oestriol with oestradiol verses oestradiol alone: a comparison of endometrial, symptomatic and psychological effects
M. L. Padwick, N. C. Siddle, G. Lane, J. A. Endacott, H. Cooper, J. Pryse-Davis & M. I. Whitehead
613 Cyclic changes in serum cholesterol and lipoproteins following different doses of combined postmenopausal hormone replacement therapy
J. Jensen, L. Nilas & C. Christiansen
619 Oral contraceptive use modifies the manifestations of pelvic inflammatory disease
P. Wølner-Hanssen
625 Ultrasound study of ovarian cysts in pregnancy: prevalence and significance
P. Hogston & R. J. Lilford
629 The role of second-look laparotomy in the management of patients with Stage II, III and IV ovarian cancers following chemotherapy with cisplatin, adriamycin and cyclophosphamide
P. H. Kirwan, N. J. Naftalin, S. Khanna & R. J. Aukett
634 Uterine activity in myotonia dystrophica. Case report
S. Arulkumaran, M. Rauff, I. Ingemarsson, D. M. F. Gibb & S. S. Ratnam
637 Heterotopic adipose and glial tissue in the endometrium with staining for glial fibrillary acidic protein. Case report
L. J. R. Brown & M. Wells
640 Mullerian agenesis with vaginal prolapse. Case report
S. Ramaswamy & Kadambari
642 Vulvar fibrous histiocytoma of low grade malignancy. Case report
J. H. Malfetano, A. B. Dick & M. Hussain
646 Metastasizing leiomyoma of the uterus and hormonal manipulations. Case report
A. J. Evans, E. Wiltshaw, S. J. Kochanowski, A. MacFarlane & R. T. Sears
649 Correspondence
652 Book reviews

Vol 93 No 7 July 1986

657 Commentary
The place of birth
E. Alberman
659 Do obstetric intranatal interventions make birth safer?
M. Tew
675 Place of delivery: a review
R. Campbell & A. MacFarlane
684 A comparison between the organization of obstetrics in Denmark and The Netherlands
S. Scherjon
690 Regional perinatal mortality and regional hospitalization at delivery in The Netherlands
P. E. Treffers & R. Laan
694 Perinatally related wastage—a proposed classification of primary obstetric factors
C. R. Whitfield, N. C. Smith, F. Cockburn & A. A. M. Gibson
704 Does father's unemployment put the fetus at risk?
J. Golding, P. Thomas & T. Peters
711 Outcome of neonatal intensive care: obstetric implications for a regional service
M. Watkinson & N. McIntosh
717 Analysis of impedance cardiography longitudinally applied in pregnancy
P. Davies, R. I. Francis, M. F. Docker, J. M. Watt & J. Selwyn Crawford
721 The measurement of cardiac output by electrical impedance plethysmography in pregnancy. Are the assumptions valid?
M: de Swiet & D. G. Talbert
727 Pregnancy in Jamaican women with homozygous sickle cell disease. Fetal and maternal outcome
D. Poddar, G. H. Maude, M. J. Plant, H. Scorer & G. R. Serjeant

733 The aetiology of preterm labour
D. R. White, M. H. Hall & D. M. Campbell
739 Pain relief in labour using transcutaneous electrical nerve stimulation (TENS). A TENS/TENS placebo controlled study in two parity groups
R. F. Harrison, T. Woods, M. Shore, G. Mathews & A. Unwin
747 Fetal sympatho-adrenal mediated metabolic responses to parturition
A. D. Falconer & L. M. Poyser
754 The duration of lochia
L. W. Oppenheimer, E. A. Sherriff, J. D. S. Goodman, D. Shah & C. E. James
758 Mast cells in the tubal wall in women using an intrauterine contraceptive device
R. Sandvei, A.-L. Wollen, P. R. Flood & C. Anker
765 Absorption of menstrual discharge by tampons inserted during menstruation: quantitative assessment of blood and total fluid content
R. J. Levin & G. Wagner
773 A low voltage diathermy loop for taking cervical biopsies: a qualitative comparison with punch biopsy forceps
W. Prendiville, R. Davies & P. J. Berry
777 A rare late complication of first trimester induced abortion requiring hysterectomy—subinvolution of the placental bed. Case report
E. T. C. Lee, N. J. E. Marley & J. R. Bevan
782 Book reviews

Vol 93 No 8 August 1986

785 Commentary
Vulvar carcinoma in pregnancy
J. M. Monaghan & G. Lindeque
787 Sexual activity in girls under 16 years of age
S. L. Barron
794 Obstetric hysterectomy—an 11-year experience
R. G. N. Thonet
799 Interval from rupture of the membranes to delivery and neonatal respiratory adaptation
M. Wennergren, M. Krantz, O. Hjalmarson & K. Karlsson
804 Spontaneous early preterm labour associated with abnormal genital bacterial colonization
R. F. Lamont, D. Taylor-Robinson, M. Newman, J. Wigglesworth & M. G. Elder
811 Complement activation, circulating protease inhibitors and pregnancy-associated proteins in severe pre-eclampsia
N. P. I. Armstrong, B. Teisner, C. W. G. Redman, J. G. Westergaard, J. Folkersen & J. G. Grudzinskas
815 Detection of antibodies in pregnancy serum reacting with isolated placental basement membrane collagen
C. Bieglmayer, R. Rudelstorfer, W. Bartl & H. Janisch
823 Immunohistological characterization of endometrial gland epithelium and extravillous fetal trophoblast in third trimester human placental bed tissues
J. N. Bulmer, M. Wells, K. Bhabra & P. M. Johnson
833 Intracellular binding proteins for retinol and retinoic acid in early and term human placentas
T. Green & H. C. Ford
839 Reversibility after female sterilization
W. Boeckx, S. Gordts, K. Buysse & I. Brosens
843 Evaluation of colposcopy in the postmenopausal woman
P. J. Toplis, V. Casemore, N. Hallam & M. Charnock
852 Follicle growth patterns and endocrinological abnormalities in infertile women with minor degrees of endometriosis
E. J. Thomas, E. A. Lenton & I. D. Cooke
859 Endometriosis: its association with retrograde menstruation, dysmenorrhoea and tubal pathology
D. T. Y. Liu & A. Hitchcock
863 Follicular fluid α_1-antitrypsin—correlation with fertilizing capacity of oocytes
D. Imoedemhe & R. W. Shaw

869 Clinical and microbiological investigation of women with acute salpingitis and their consorts
G. R. Kinghorn, B. I. Duerden & S. Hafiz
881 Fetal heart rate pattern during decompression of a hydrocephalic head. Case report
M. Katz, I. Meizner, A. Wiznitzer & Z. J. Hagay
883 Incarceration of the retroverted gravid uterus at term. Case report
A. J. Evans, J. Anthony & G. M. Masson
886 Intraepithelial neoplasia arising in an artificial vagina. Case report
J. E. A. Imrie, J. H. Kennedy, J. D. Holmes & D. A. McGrouther
889 Blair Bell Research Society
891 Correspondence
893 Book reviews

Vol 93 No 9 September 1986

897 Commentary
Genetics of hypertension in pregnancy
E. M. Symonds
898 Genetics of hypertension in pregnancy: possible single gene control of pre-eclampsia and eclampsia in the descendants of eclamptic women
L. C. Chesley & D. W. Cooper
909 Amniotic fluid concentrations of secreted pregnancy-associated endometrial α_1- and α_2-globulins (α_1- and α_2-PEG)
S. C. Bell, M. W. Hales, S. R. Patel, P. H. Kirwan, J. O. Drife & A. Milford-Ward
916 Comparison of different antibody preparations against pregnancy-associated plasma protein-A (PAPP-A) for use in localization and immunoassay studies
J. Chemnitz, J. Folkersen, B. Teisner, M. J. Sinosich, D. Tornehave, J. G. Westergaard, A. E. Bolton & J. G. Grudzinskas
924 The content and immunohistochemical localization of placental protein 10 (PP10) in the fallopian tube
A. Tiitinen, T. Wahlström, M. Julkunen & M. Seppälä
928 The relation between aldosterone concentrations in plasma and saliva during pregnancy
J. D. Few, D. B. Paintin & V. H. T. James
933 The use of a calcium antagonist (nifedipine) to suppress preterm labour
M. D. Read & D. E. Wellby
938 Does 24-hour supervisory staff coverage in the labour and delivery area change the emergency caesarean section rate?
C. J. Chuong, C. Y. Lee, M. C. Chuong & B. H. Drukker
943 Maternal stress response associated with caesarean delivery under general and epidural anaesthesia
P. G. Loughran, J. Moore & J. W. Dundee
950 Vaginal and abdominal delivery increases maternal urinary 6-keto-prostaglandin $F_{1\alpha}$ excretion
O. Ylikorkala, H. Paatero, L. Suhonen & L. Viinikka
955 Antenatal diagnosis of placental anastomosis in a twin pregnancy using Doppler ultrasound
R. L. A. Erskine, J. W. K. Ritchie & G. A. Murnaghan
960 Haemolytic disease of the newborn—the changing scene
L. A. D. Tovey
967 A randomized trial of Citanest with Octapressin for relief of pain associated with laser vaporization of the cervix
E. T. C. Lee, E. N. Ozumba & J. R. Bevan
970 The use of the fasciocutaneous flap in vaginal reconstruction
K. E. Morton, D. Davies & J. Dewhurst
974 Primary and myoma-associated menorrhagia: role of prostaglandins and effects of ibuprofen
L. Mäkäräinen & O. Ylikorkala
979 Menstrual dysfunction in Nigerian athletes
A. L. Toriola & D. N. Mathur
986 Steroid receptors in human ovarian malignancy, a review of four years tissue collection
M. Toppila, J. P. P. Tyler, R. Fay, P. J. Baird, A. J. Crandon, C. J. Eastman & C. N. Hudson
993 Langerhans' cell density in the normal exocervical epithelium and in the cervical intraepithelial neoplasia
I. Caorsi & C. D. Figueroa
999 A simple database system for an in-vitro fertilization programme using commercial software
P. A. Riss & A. Reinthaller

1002 The antenatal diagnosis by ultrasonography of type III congenital cystic adenomatoid malformation of the lung. Case report
S. F. Morcos & M. O. Lobb
1006 The course and outcome of pregnancy associated with bronchiectasis. Case report
I. Thaler, M. Bronstein & A. E. Rubin
1009 Tuberculous peritonitis in pregnancy. Case report
J. H. Brooks & G. M. Stirrat
1011 Abdominal pregnancy complicated by appendicitis. Case report
C. K. Partington, J. G. N. Studley & N. Menzies-Gow
1013 Fulminant hepatic failure associated with aplastic anaemia after treatment with danazol. Case report
T. Nakajima, N. Mizushima, H. Matsuda, M. Matsumoto, K. Tamakoshi, H. Ishii, S. Morioka, Y. Ikeda, T. Tereo & K. Kanai
1016 Correspondence
1019 Book reviews

Vol 93 No 10 October 1986

1025 Commentary
Management of prolactinomas—1986
S. L. Tan & H. S. Jacobs
1030 Phenytoin kinetics during pregnancy and the puerperium
C. Knott, C. P. Williams & F. Reynolds
1038 Blood group antibody screening tests during pregnancy
P. J. Bowell, D. L. Allen & C. C. Entwistle
1044 The significance of anti-c alloimmunization in pregnancy
P. J. Bowell, S. E. Brown, A. E. Dike & M. J. Inskip
1049 Inadequate maternal vascular response to placentation in pregnancies complicated by pre-eclampsia and by small-for-gestational age infants
T. Y. Khong, F. De Wolf, W. B. Robertson & I. Brosens
1060 The relation between the need for intubation at birth, abnormal cardiotocograms in labour and cord artery blood gas and pH values
T. J. Lissauer & P. J. Steer
1067 Fetal distress during labour in diabetic pregnancy
P. Olofsson, I. Ingemarsson & T. Solum
1072 Early conceptual loss in subfertile patients
N. C. Sharp, F. Anthony, J. F. Miller & G. M. Masson
1078 Prostaglandin D_2 release by endometrium and myometrium
M. C. P. Rees & R. W. Kelly
1083 Perinatal listeriosis. A report of six cases
T. Y. Khong, J. M. Frappell, H. M. Steel, C. M. Stewart & M. Burke
1088 Ketoacidosis in pregnancy: an unusual presentation of diabetes mellitus. Case reports
G. Robertson, T. Wheatley & R. E. Robinson
1091 Advanced unruptured interstitial gestation. Case report
R. B. Fraser
1093 Intussusception in pregnancy. Case report and review of the literature
R. Watson & A. R. Quayle
1097 Conservative management of spontaneous rupture of the liver in pregnancy. Case report
D. R. Woodhouse
1100 Unilateral polycystic ovary. Case report
D. W. Polson, J. Adams, P. J. Steer & S. Franks
1104 Characterization of gonadotrophin receptors in a testosterone-producing ovarian androblastoma. Case report
R. Siegberg, M-L. Rantala, U-H. Stenman, T. Wahlström, O. Ylikorkala, I. Huhtaniemi & T. Ranta
1108 Conservative treatment of epithelial ovarian cancer in a 19-year-old girl. Case report
G. M. Cario & M. K. Dunstan
1111 Correspondence
1118 Book reviews

Vol 93 No 11 November 1986

1121 Commentary
Postpartum thyroiditis—an underdiagnosed disease
I. Ramsay
1124 The effects of inflammatory bowel disease on pregnancy: a case-controlled retrospective analysis
R. J. Porter & G. M. Stirrat
1132 Fetal and maternal effects of forceps and vacuum extraction
R. Punnonen, P. Aro, A. Kuukankorpi & P. Pystynen
1136 The effect of interferon on human papillomaviruses associated with cervical intraepithelial neoplasia
M. A. Byrne B. R. Møller, D. Taylor-Robinson, J. R. W. Harris, C. Wickenden, A. D. B. Malcolm, M. C. Anderson & D. V. Coleman
1145 Alpha interferon in human pregnancy
T. Chard, P. H. Craig, M. Menabawey & C. Lee
1150 Enhanced phagocytosis of mononuclear phagocytes in pregnancy
E. Koumandakis, I. Koumandaki, E. Kaklamani, L. Sparos, D. Aravantinos & D. Trichopoulos
1155 Ovulation after treatment with ethinyl-oestradiol and medroxyprogesterone acetate in a woman approaching premature menopause. Case report
P. Petsos, H. Buckler, H. Mamtora & D. C. Anderson
1161 An unusual presentation of pulmonary thromboembolism in late pregnancy. Case report
I. Y. Hussein & H. O. D. Critchley
1163 Fetal and maternal uteroplacental leucocytes in aplastic anaemia. Case report
R. Spearing, M. J. Mackie, J. M. Risk, P. M. Johnson & J. N. Bulmer
1166 Haemangioma of the ovary with associated endometrial hyperplasia. Case report
J. W. Grant & G. H. Millward-Sadler
1169 Ovarian metastasis from stage 1B squamous carcinoma of the cervix. Case report
L. J. Cassidy & J. H. Kennedy
1171 A feminizing Sertoli–Leydig cell tumour in a postmenopausal woman. Case report
M. Dhont, F. Vandekerckhove, M. Praet, E. Vanluchene & D. Vandekerckhove
1176 Isolated arteritis of the uterine cervix. Three case reports
A. Padwell
1181 Diploid complete hydatidiform mole, mosaic for normally fertilized cells and androgenetic homozygous cells. Case report
J. H. Ford, J. K. Brown, W. Y. C. Lew & G. B. Peters
1187 Carcinoma of the gall bladder metastatic to the cervix. Case report
P. A. Hall, N. R. Lemoine & J. F. Ryan
1191 Short comunications
Maternal serum α-fetoprotein, birthweight and perinatal death in twin pregnancy
E. M. Walker & N. B. Patel
1194 Blair Bell Research Society
1198 Book reviews

Vol 93 No 12 December 1986

1201 Commentary
How can we improve perinatal surveillance?
S. L. Barron
1204 Classifying perinatal death: an obstetric approach
S. K. Cole, E. N. Hey & A. M. Thomson
1213 Classifying perinatal death: fetal and neonatal factors
E. N. Hey, D. J. Lloyd & J. S. Wigglesworth
1224 Comparisons of data from regional perinatal mortality surveys
A. Macfarlane, S. Cole & E. Hey
1233 A validation of underlying cause of death as recorded by clinicians on stillbirth and neonatal death certificates
L. M. M. Duley
1236 Commentary on current World Health Organization definitions used in perinatal statistics
M. L. Chiswick

1239 Assessment of an on-line computerized perinatal data collection and information system
M. Maresh, A. M. Dawson & R. W. Beard
1246 Uptake of amniocentesis in women aged 38 years or more by the time of the expected date of delivery: a two-year retrospective study
P. D. Knott, R. J. A. Penketh & M. K. Lucas
1251 Immunosuppressive properties of pregnancy serum on the mixed lymphocyte reaction
N. S. Nicholas & G. S. Panayi
1256 The predictive value of fetal breathing movements in the outcome of premature labour
O. Jaschevatzky, A. Ellenbogen, S. Anderman, L. Frisch, Y. Noy & S. Grunstein
1259 Routine hysteroscopy for patients with a high risk of uterine malignancy
K. S. Raju & R. W. Taylor
1262 The night—a dangerous time to be born?
G. Domenighetti & F. Paccaud
1268 Fetal transcutaneous carbon dioxide monitoring—the effect of different fixation methods
C. Nickelsen & T. Weber
1272 The effect of electrode compression during fetal transcutaneous carbon dioxide monitoring
C. Nickelsen & T. Weber
1276 Magnetic resonance imaging—its application to cervical carcinoma
M. C. Powell, B. S. Worthington, M. Sokal, M. Wastie, J. Buckley & E. M. Symonds
1286 Ultrasonography for early detection of ovarian carcinoma
E. Andolf, E. Svalenius & B. Åstedt
1290 The effects of norethisterone in postmenopausal women on oestrogen replacement therapy: a model for the premenstrual syndrome
A. L. Magos, E. Brewster, R. Singh, T. O'Dowd, M. Brincat & J. W. W. Studd
1297 Severe, accelerated postpartum hypertension associated with hyperthyroxinaemia. Case report.
W. B. White & J. W. Andreoli
1300 Book reviews
1305 Author index
1314 Subject index